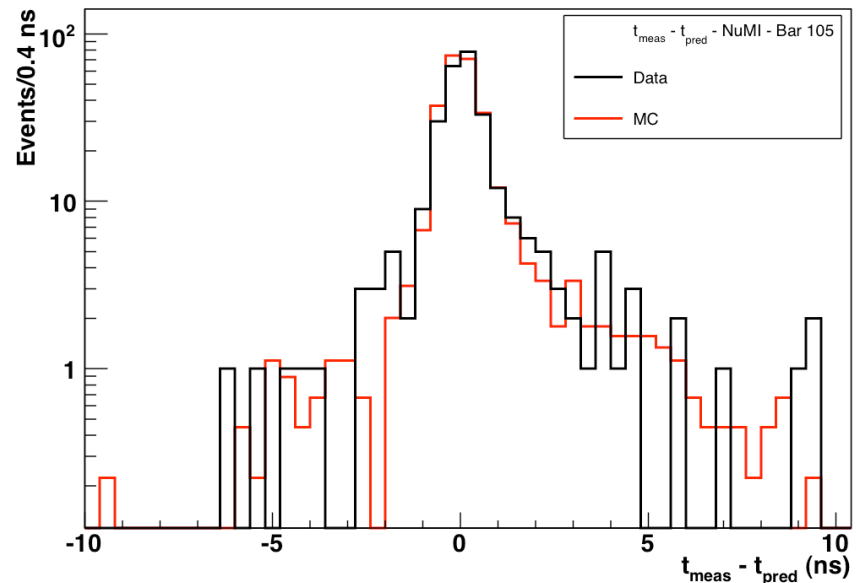
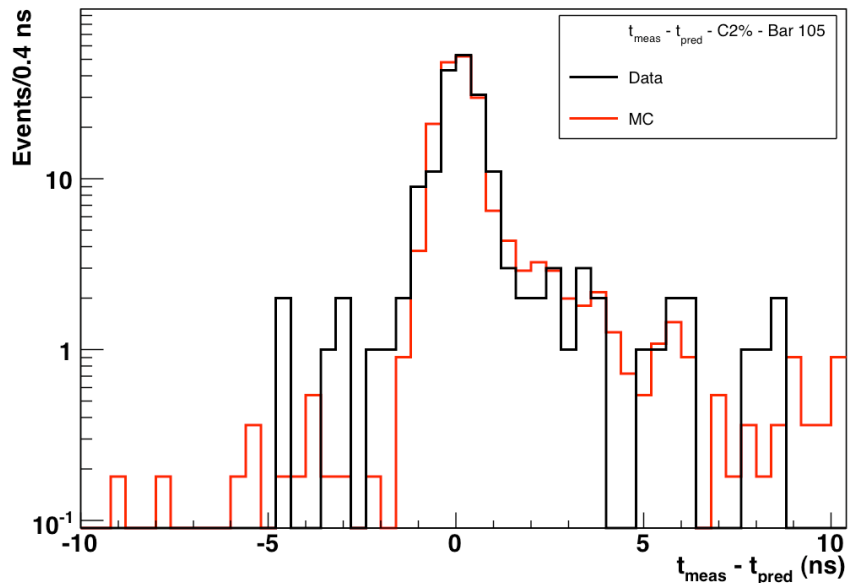
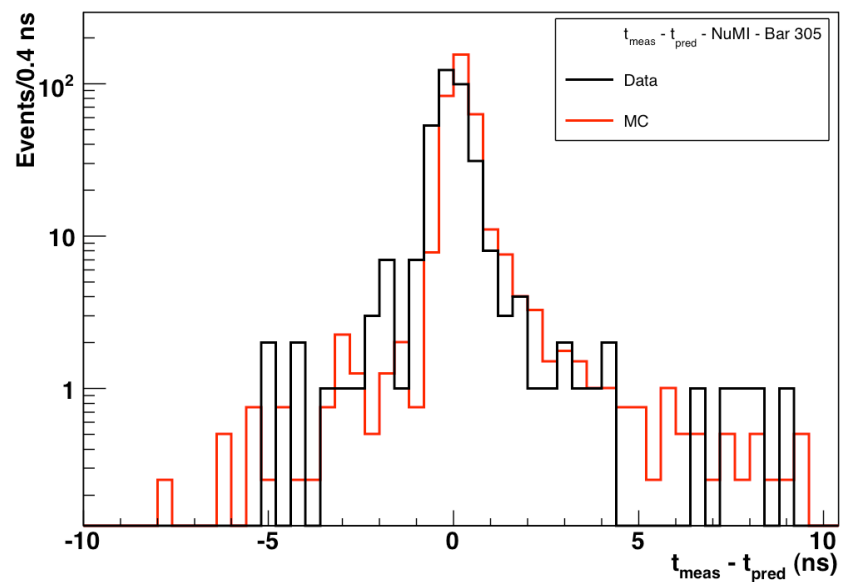
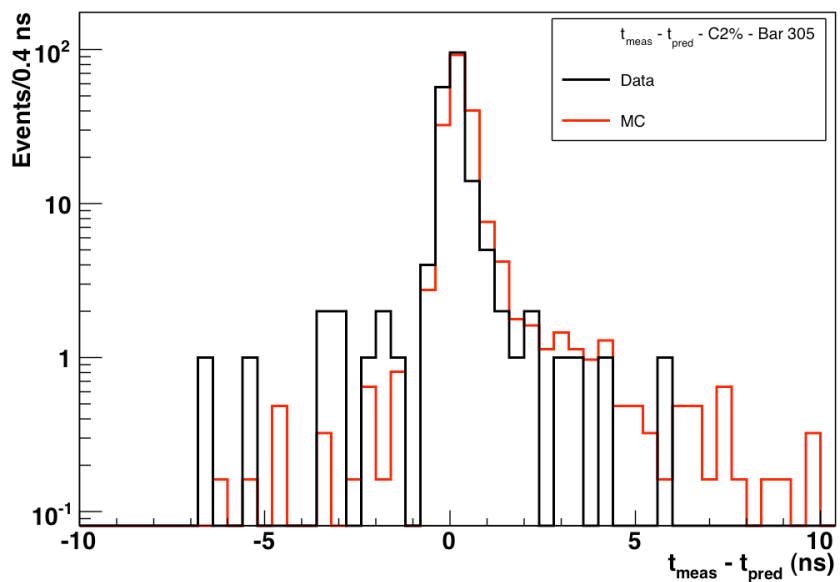
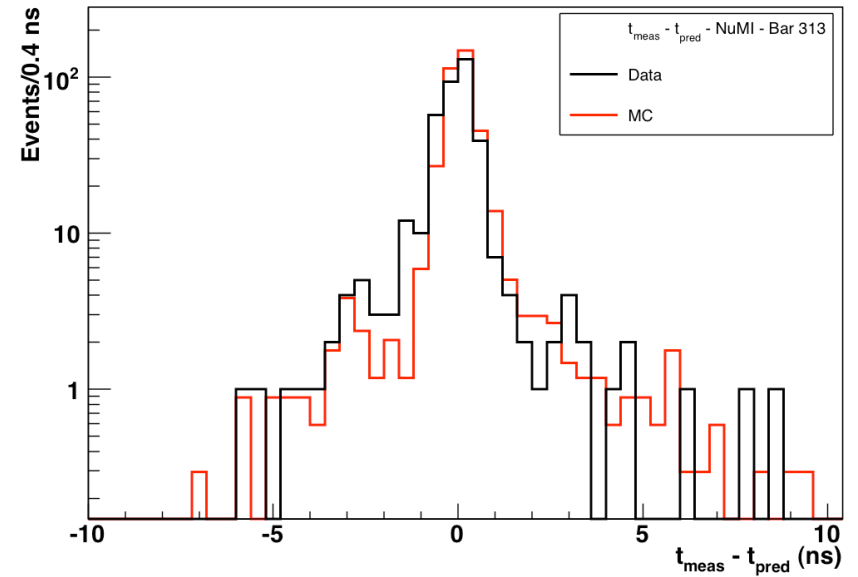
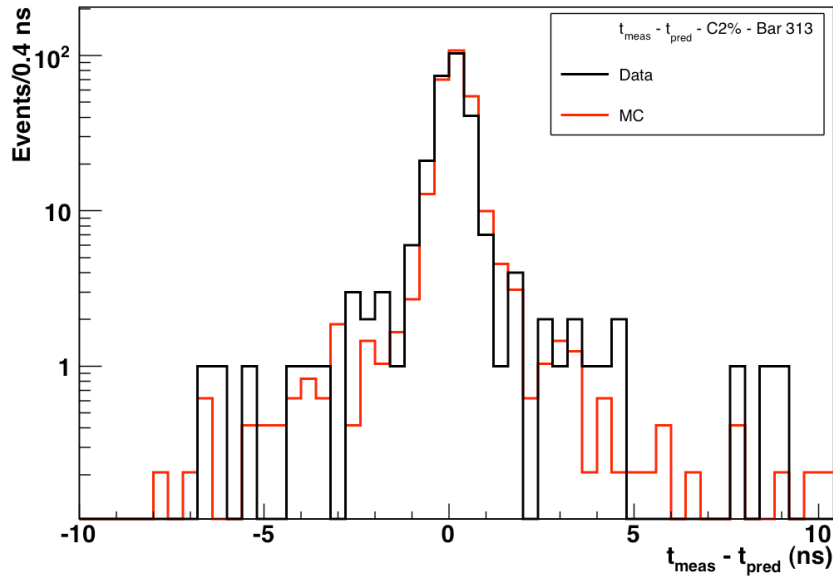


- Compared MC (pass4d) & data for C2% (pass4c) and NuMI(pass4b2)
- Left:  $t_0$  time - Data vs MC, C2%.
- Right:  $t_0$  time - Data vs MC, NuMI

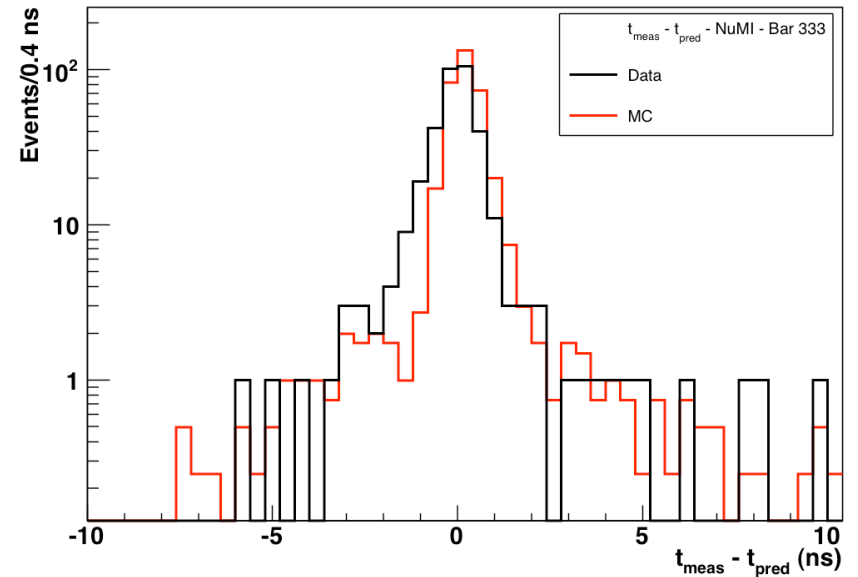
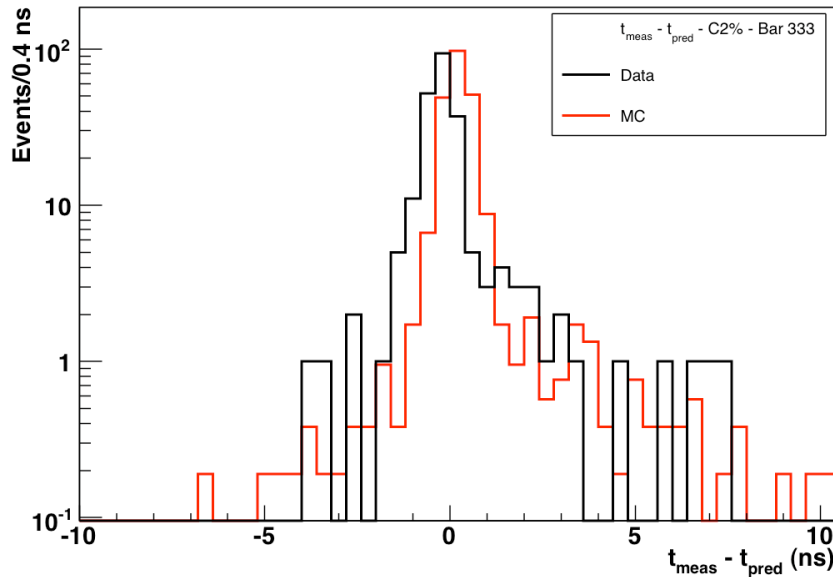


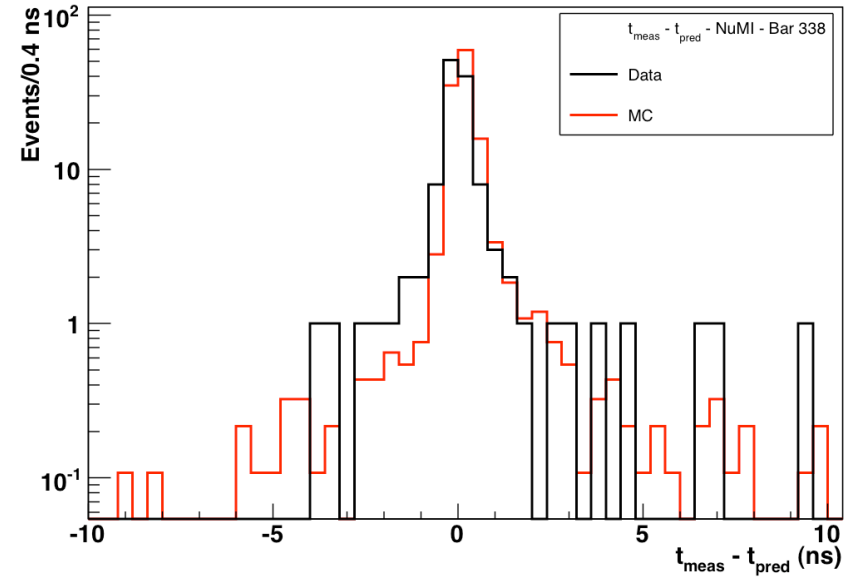
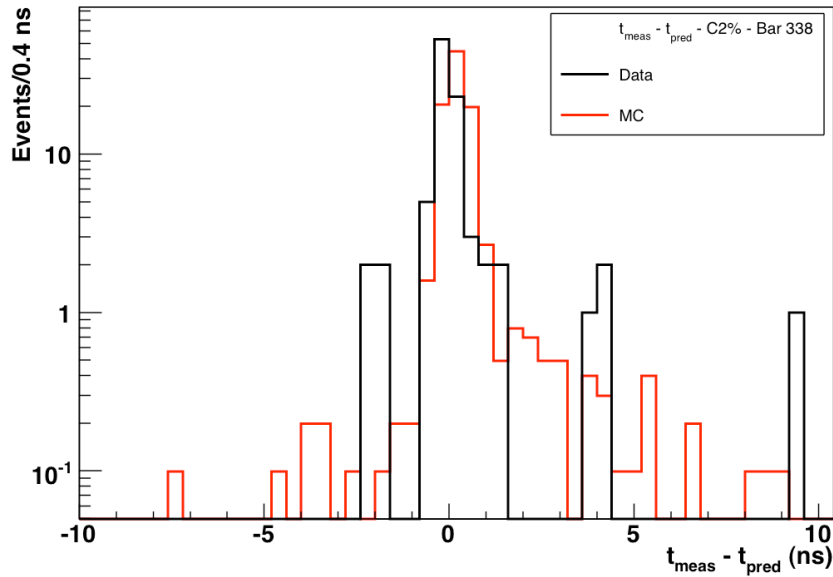
- **Top:**  $T(\text{measured}) - T(\text{predicted})$  for Bar 105 ( $x \sim -130\text{cm}$ ) C2% (left) and NuMI (right)
- **Bot:** Bar 305 ( $x \sim -80\text{cm}$ ) C2% (left) and NuMI (right)



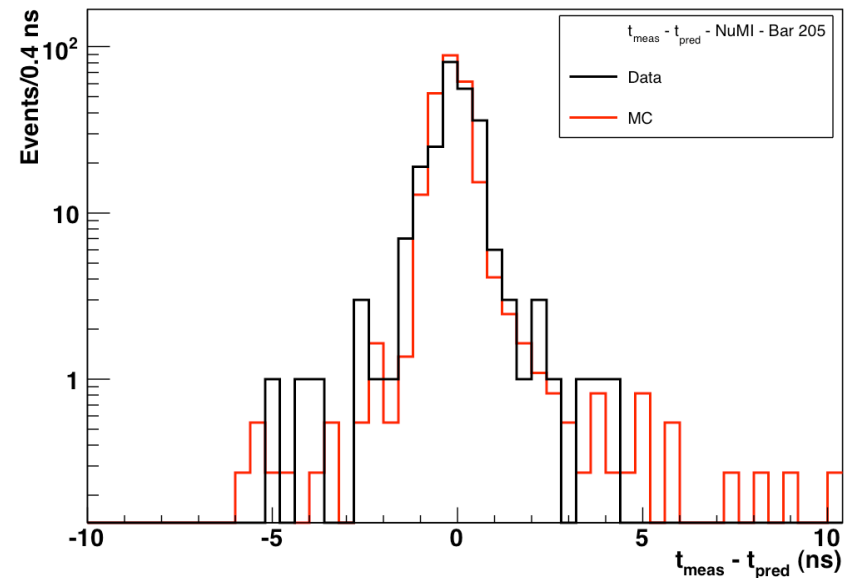
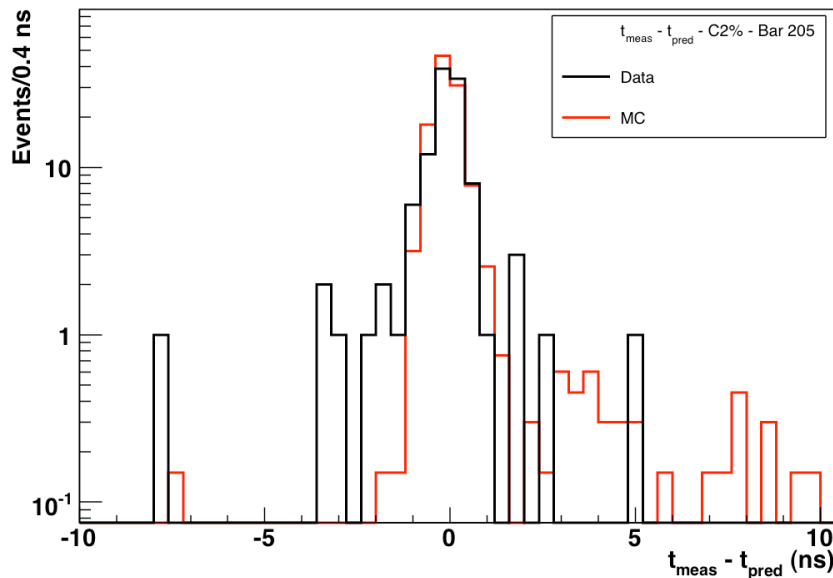


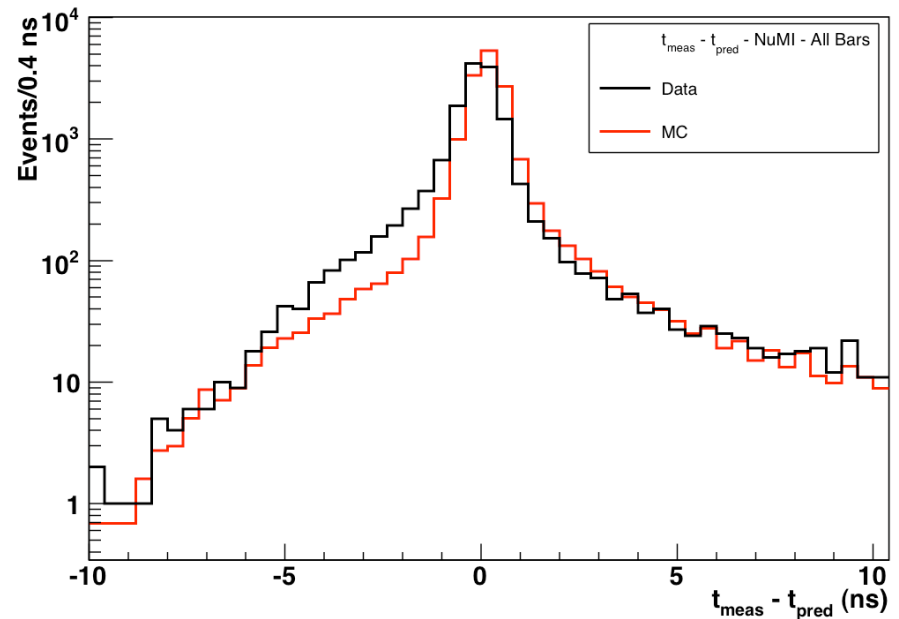
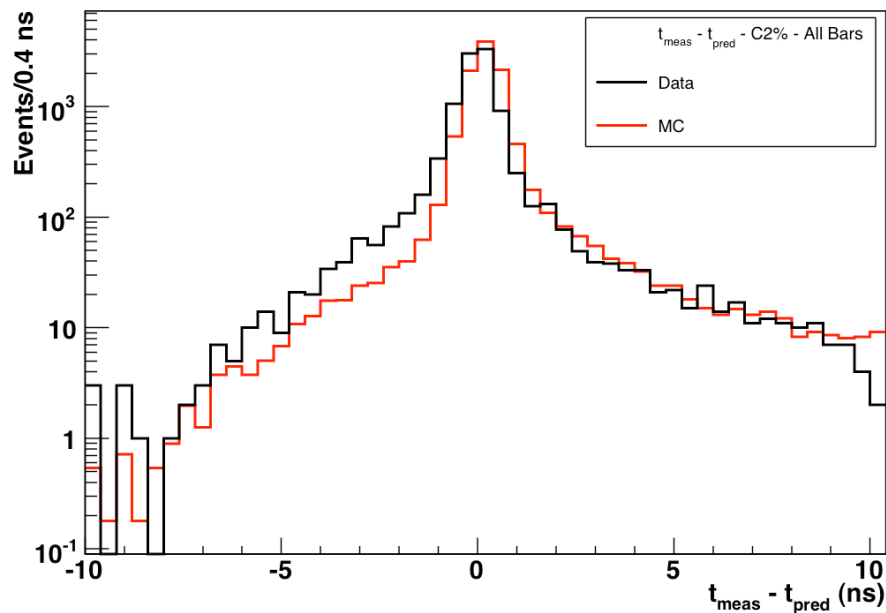
- **Top:**  $T(\text{measured}) - T(\text{predicted})$  for Bar 313 ( $x \sim -35$  cm) C2% (left) and NuMI (right)
- **Bot:** Bar 333 ( $x \sim +65$ cm) C2% (left) and NuMI (right). C2% MC off by  $\sim 1$  bin for this bar



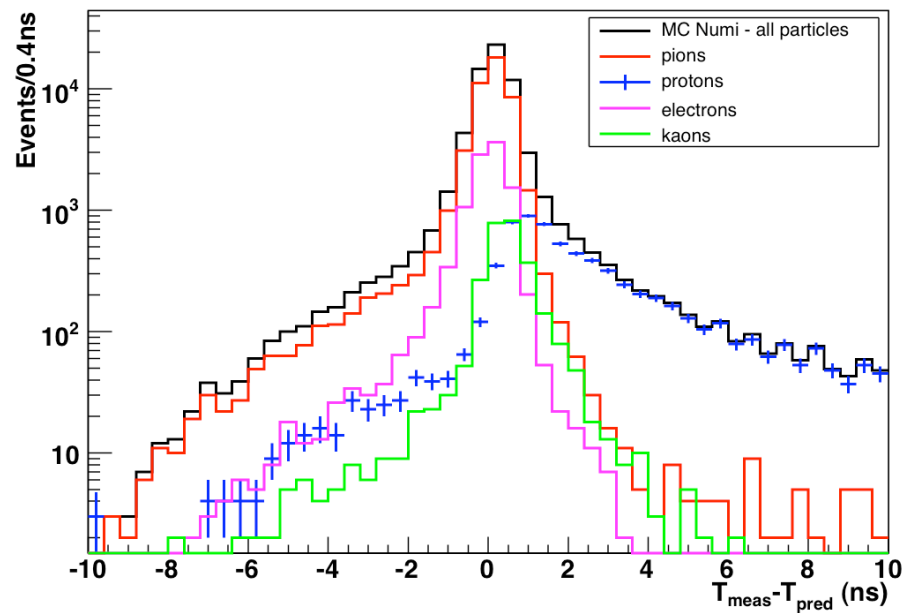


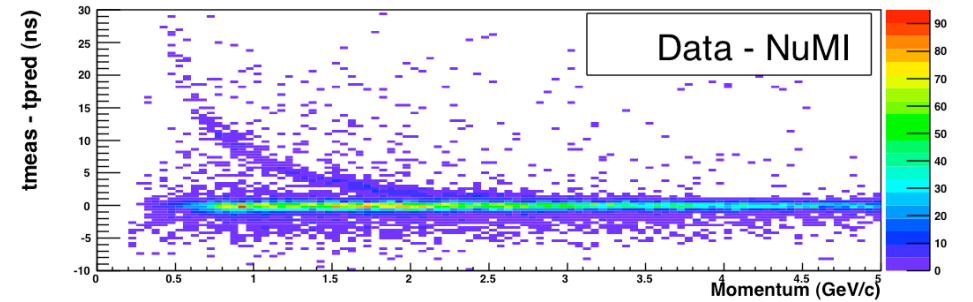
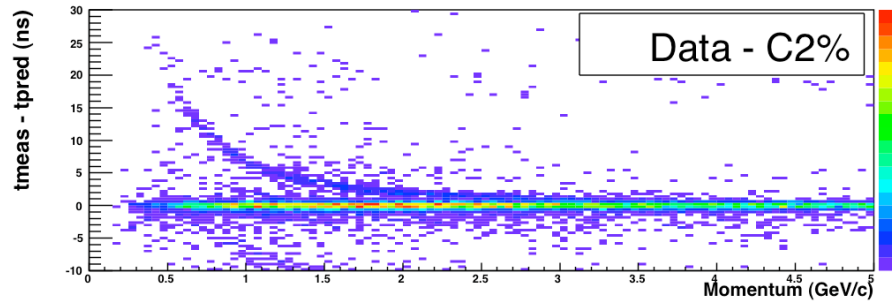
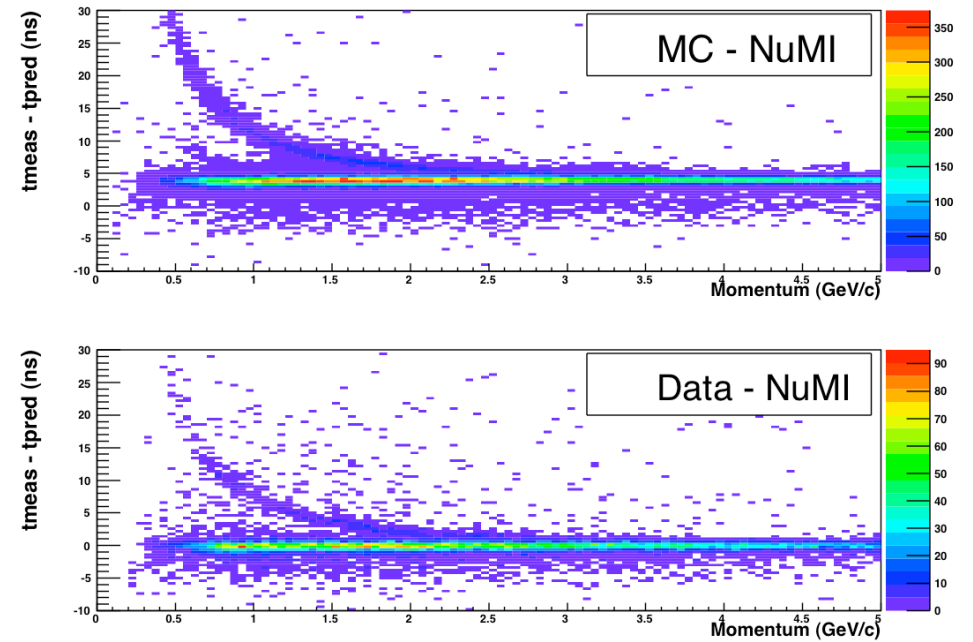
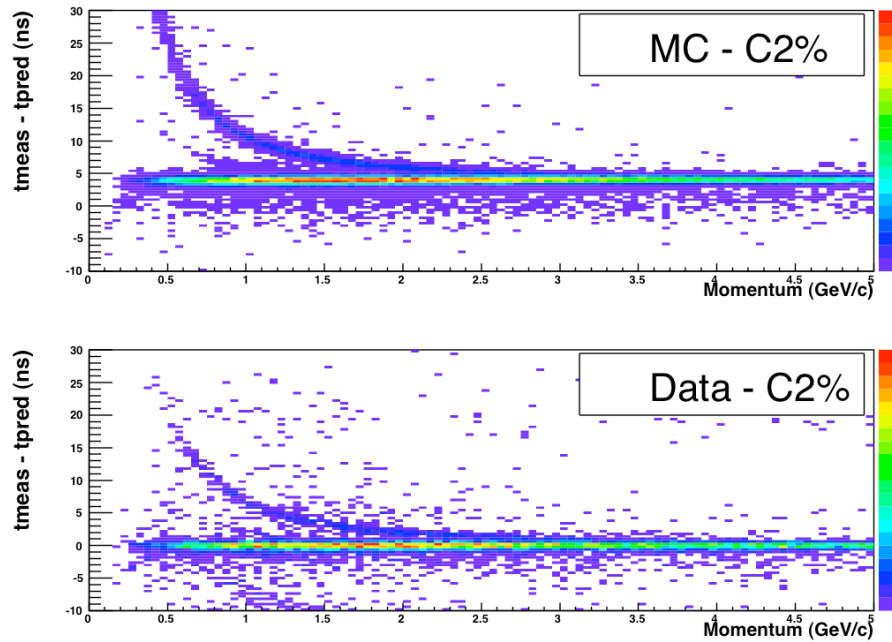
- **Top:**  $T(\text{measured}) - T(\text{predicted})$  for Bar 338 ( $x \sim +95$  cm) C2% (left) and NuMI (right)
- **Bot:** Bar 205 ( $x \sim +150$  cm) C2% (left) and NuMI (right).



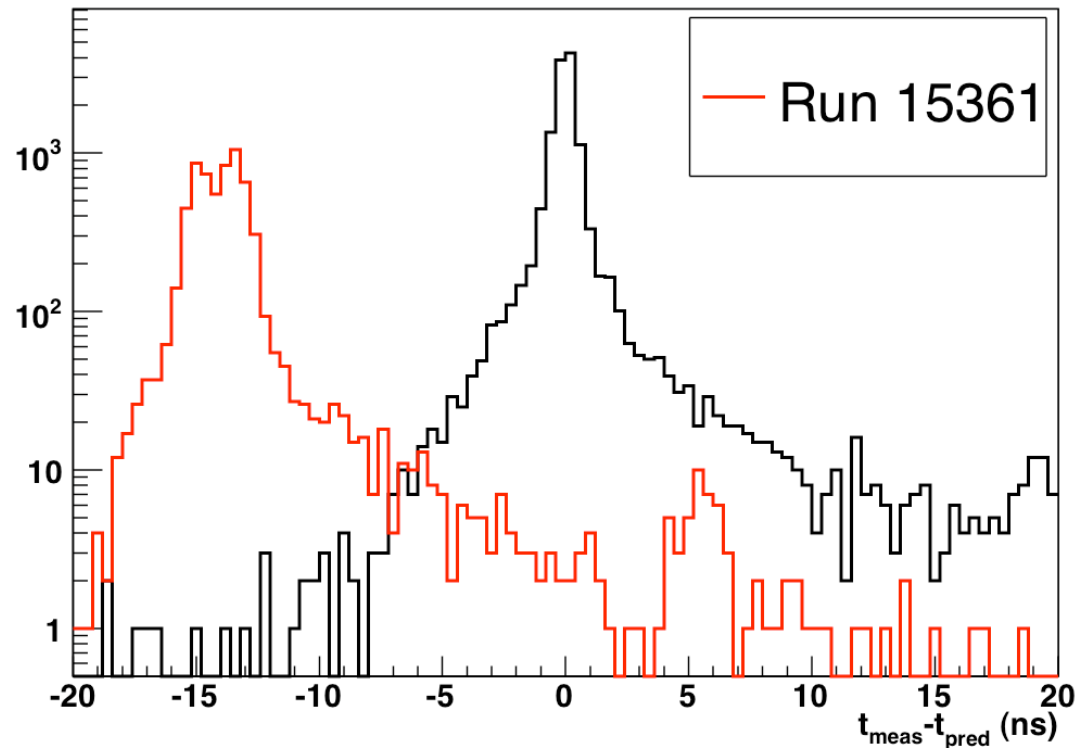


- $T(\text{meas}) - T(\text{pred})$  for all bars
- **Top Left:** C2%
- **Top Right:** NuMI
- Means and widths agree; as I had shown the last time, there is some disagreement on the left shoulder.
- **Bot:** MC NuMI for different species





- $T(\text{measured}) - T(\text{predicted})$  vs Momentum for MC and Data - All Bars.
- C2% (left) & NuMI (right).



- Measured ToF for Run 15361 (data) is way off from the other runs. Haven't investigated as to why, but if other detectors also see anomalies with this run, we should flag this as a bad run.